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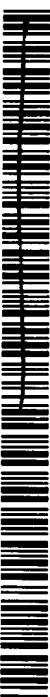
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(54) Title: METHOD FOR INCREASING THE EFFICACY OF AGRICULTURAL CHEMICALS

(57) **Abstract:** The present invention is directed to increasing the efficacy of agricultural chemicals. This can be achieved by applying at least one agricultural chemical to a plant or plant seed under conditions effective for the agricultural chemical to perform its intended function and applying at least one hypersensitive response elicitor protein or polypeptide to the plant or plant seed under conditions effective to increase the efficacy of the agricultural chemical. Alternatively, the present invention relates to a method for increasing the efficacy of agricultural chemicals by applying an agricultural chemical to a transgenic plants or transgenic seeds transformed with nucleic acid molecule which encodes a hypersensitive response elicitor protein or polypeptide, wherein the agricultural chemical is applied under conditions effective for the agricultural chemical to perform its intended function but with increased efficacy.